

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3420	375/222.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/13 22:04
L2	34	1 and (pulse near code near modulation or PCM) and (high-pass or high\$pass or high adj pass same filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/13 22:04
L3	30	1 and (dual near mode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/13 22:11
L4	93	379/93.27.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/13 23:23
S1	1024	375/341.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/16 08:23
S2	230	375/342.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 13:19
S3	928	375/343.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 13:37
S4	2727295	(channel quality) or (quality channel) same encoding same constellation same (soft decoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 14:42
S5	10088	S4 and correlator	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 13:44
S6	5257	S5 and ("375"/\$.ccls. or "370"/\$.ccls. or "342"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 13:45
S7	61	S6 and (de\$map\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 14:26
S8	3	"06175590"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 15:00

S9	2727295	(channel quality) or (quality channel) and encoding same constellation same (soft decoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 14:28
S10	2727295	(channel quality) or (quality channel) and encoding and constellation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 14:29
S11	867	S10 and demap\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 14:30
S12	646	S11 and ("375"/\$.ccls. or "370"/\$.ccls. or "455"/\$.ccls. or "342"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 15:41
S13	119	S12 and soft	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/16 09:32
S14	2727295	(channel quality) or (quality channel) same encoding same (soft decoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 14:42
S15	24541	S14 and metric	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 14:43
S16	205	S15 and de\$map\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/03 09:35
S17	3	"06215827"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 15:00
S18	0	2002/165004	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 15:42
S19	2	"2002165004"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/02 15:42
S20	11915	(QPSK)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/03 08:07
S21	2727295	(channel quality) or (quality channel) same encoding same (soft decoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/11 12:26
S22	24541	S21 and metric	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/03 08:08
S23	205	S22 and de\$map\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/03 08:08

S24	76	S20 and S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/03 08:08
S25	44	S24 and OFDM	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/19 13:41
S26	10	S25 and (MPSK amp\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/03 10:51
S27	38	S25 and (MPSK map\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/03 10:58
S28	0	S25 and (MPSK adj map \$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/03 10:52
S29	5	(MPSK adj map\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/03 10:58
S30	3	"20030072395"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/16 09:36
S31	3	"06175590"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/16 09:36
S32	5473732	(channel quality indicat \$3) or (quality channel) same transmit\$4 same encoding same (soft decoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/11 12:27
S33	3234	(channel adj quality adj indicat\$3) or (quality channel) same transmit \$4 same encoding same (soft decoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/11 12:27
S34	2521	((channel adj quality adj indicat\$3) or (quality channel) same transmit\$4) same encoding same (soft decoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/18 11:06
S35	9140	((channel adj quality adj indicat\$3) or (quality channel) same transmit\$4) same (encoding or cod\$3) same (soft decoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/11 12:29

S36	10911	((channel adj quality adj indicat\$3) or (quality channel) same transmit\$4 or feedback) same (encoding or cod\$3) same (soft decoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/11 12:29
S37	3107	((channel adj quality adj indicat\$3) or (quality channel) near transmit\$4 or feedback) same (encoding or cod\$3) same (soft decoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/16 13:08
S38	2398	((channel adj quality adj indicat\$3) near transmit\$4 or feedback) same (encoding or cod\$3) same (soft decoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/11 12:35
S39	2	((channel adj quality adj indicat\$3) near transmit\$5) same (encoding or cod\$3) same (soft decoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/11 12:31
S40	2	((channel adj quality adj indicat\$3) near1 transmit\$5) same (encoding or cod\$3) same (soft decoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/11 12:31
S41	4	((channel adj quality adj indicat\$3) near3 transmit\$5) same (encoding or cod\$3) same (soft decoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/11 12:33
S42	9	((channel adj quality adj indicat\$3 or "CQI") near3 transmit\$5) same (encoding or cod \$3) same (soft decoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/11 12:50
S43	2401	((channel adj quality adj indicat\$3 or "CQI") near transmit\$4 or feedback) same (encoding or cod\$3) same (soft decoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/11 12:36
S44	1356	S43 and (adaptive modulation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/11 12:36
S45	585	S44 and (constellation mapping)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/11 12:37

S46	262	S45 and correlat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/11 12:37
S47	261	S46 and (source data element)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/11 12:42
S48	6	S47 and de-mapp\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/11 12:38
S49	16	(transmit\$5 same (channel adj quality adj indicat\$3 or "CQI")) same (encoding or cod \$3) same (soft decoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/11 12:52
S50	3109	((channel adj quality adj indicat\$3) or (quality channel) near transmit\$4 or feedback) same (encoding or cod\$3) same (soft decoder))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/16 13:10
S51	879	S50 and correlat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/16 13:13
S52	862	S51 and (appl\$3 coding rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/16 13:14
S53	623	S52 and modulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/16 13:15
S54	589	S53 and (sequence symbol)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/16 13:16
S55	126	375/221.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 10:55
S56	587	375/220.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 10:22
S57	1	"20040228271".PN.	US-PGPUB	OR	ON	2006/11/13 10:32
S58	1	"5555276".PN.	USPAT; USOCR	OR	ON	2006/11/13 10:32
S59	69	S55 and (channel quality) same (cod\$3 or encod\$3 rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 11:03
S60	60	S55 and (channel quality indicat\$3) same (cod\$3 or encod\$3 rate) same transmit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 12:42

S61	11	S60 and S56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 11:04
S62	4988431	(quality of service or channel quality feedback to transmitter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 12:43
S63	273308	S62 and (coding rate and modulation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 12:45
S64	2611	S62 and (coding adj rate and modulation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 12:47
S65	1813	S64 and sequence	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 12:47
S66	884	S65 and adjust\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 12:48
S67	105	S66 and correlate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/16 11:26
S68	3	"06175590"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 12:54
S69	1	"05544156"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 12:57
S70	3	"06215827"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 12:57
S71	5416251	(quality of service or channel quality feedback to transmitter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/16 11:26
S72	3275	S71 and (coding adj rate and modulation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/16 11:26
S73	2195	S72 and sequence	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/16 11:26
S74	1021	S73 and adjust\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/16 11:26
S75	71	S74 and correlate and pilot	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/16 11:27
S76	211	(adaptiv\$3 adj cod\$3 same modulation) same (instantaneous channel quality)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/18 14:24

S77	26	(adaptiv\$3 adj cod\$3 same modulation) same (instantaneous channel adj quality)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/18 15:27
S78	1	"20050094596".PN.	US-PGPUB	OR	ON	2007/10/18 11:10
S79	1	"20050008103".PN.	US-PGPUB	OR	ON	2007/10/18 11:11
S80	37	Braun-volker.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/18 13:52
S81	5937	(correlator) same (instantaneous channel quality)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/18 14:24
S82	22	S81 and (soft adj1 data)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/18 14:25
S83	2635	455/67.11.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/18 15:27
S84	60	S81 and S83	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 10:42
S85	2	"05101501"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/18 16:02
S86	1	"20050025254".PN.	US-PGPUB	OR	ON	2007/10/19 09:10
S87	1	"20050008103".PN.	US-PGPUB	OR	ON	2007/10/19 09:10
S88	1	"20050003782".PN.	US-PGPUB	OR	ON	2007/10/19 09:10
S89	1	"20040223507".PN.	US-PGPUB	OR	ON	2007/10/19 09:10
S90	1	"20020147953".PN.	US-PGPUB	OR	ON	2007/10/19 09:11
S91	1	"20030100269".PN.	US-PGPUB	OR	ON	2007/10/19 09:14
S92	10278	OFDM and (fast signal \$5 same scatter\$3 pilot pattern)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/19 13:44
S93	7272	OFDM and (fast adj1 signal\$5 same scatter \$3 pilot pattern)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/19 13:44

S94	3972	OFDM and (fast adj1 signal\$5 same scatter \$3 adj1 pilot pattern)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/19 13:44
S95	1	OFDM and (fast adj1 signal\$5 same scatter \$3 adj1 pilot adj1 pattern)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/19 13:44
S96	3972	OFDM and (fast adj signal\$5 same scatter \$3 adj pilot pattern)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/19 13:45
S97	3259	S96 and (encod\$3 symbol)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/19 13:45
S98	135	S96 and (encod\$3 adj symbol)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/19 14:02
S99	134	S98 and (overhead channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/19 14:02
S100	13	S98 and (overhead adj1 channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/19 14:02
S101	5603517	(re-encod\$3 or reencod \$3 to generat\$3 pilot)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 10:43
S102	192174	(re-encod\$3 or reencod \$3 adj1 generat\$3 pilot)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 10:44
S103	5817	(re-encod\$3 or reencod \$3 adj1 generat\$3 adj pilot)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 10:44
S104	2036	S103 and (fast signal \$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 10:46
S105	1280	S104 and (scatter\$4 pattern)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 11:59
S106	1	S104 and (scatter\$4 adj1 pattern)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 10:45



S107	1	S104 and (scatter\$4 near3 pattern)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 10:45
S108	4	S104 and (scatter\$4 same pattern)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 10:46
S109	4	S104 and (scatter\$4 with pattern)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 10:46
S110	148	S103 and (fast signall \$4) same (scatter\$3 pattern\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 10:47
S111	1	S103 and (fast signall \$4) same (scatter\$3 adj1 pattern\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 10:47
S112	5870894	(transmit\$4 symbols on overhead channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 12:06
S113	265	375/342.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/21 12:00
S114	1346	375/343.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/21 12:00
S115	1966268	Si, S113 S114	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 12:01
S116	1482	375/341.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/21 12:01
S117	3023	S116 S113 S114	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 12:01
S118	2880	S112 and S117	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 12:01
S119	1732	S118 and (strong or robust encod\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 12:02

S120	285	S118 and (strong or robust adj encod\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/22 08:16
S121	13	S120 and (re-encod\$3 and decod\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 12:08
S122	2826904	(transmit\$4 symbols same overhead adj 1 channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 12:07
S123	2579	S122 and S117	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 12:07
S124	262	S123 and (strong or robust adj encod\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 12:08
S125	13	S124 and (re-encod\$3 and decod\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 12:25
S126	0	(combin\$3 adj pilot same combin\$3 adj overhead)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 12:27
S127	0	(combin\$3 adj pilot and combin\$3 adj overhead)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/21 12:27
S128	1682	(transmission parameter) and symbols and (overhead channel) and (encod\$3) and (re-encod\$3) and (pilot symbols) and (channel estimat\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/22 08:19
S129	743	S128 and (strong or robust) and decod\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/22 08:19
S130	729	S129 and (orthogonal frequency division or OFDM)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/22 08:20
S131	2	"20080214198"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/10 08:20

S132	2921	455/450.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/10 08:21
S133	3756286	(channel quality) or (quality channel) and encoding and constellation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/10 08:22
S134	2783	S132 and S133	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/10 08:22
S135	3091	((channel adj quality adj indicat\$3) near transmit\$4 or feedback) same (encoding or cod\$3) same (soft decoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/10 08:22
S136	4	S132 and S135	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/10 08:22
S137	1026	((channel near3 quality) or (quality near3 channel)) and encoding and constellation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/10 08:25
S138	4	S137 and (correlat\$3 near3 soft)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/10 08:26
S139	116778	(correlat\$3) same (produc\$4 or output near4 channel near2 quality near3 indicat\$3 or CQI)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 09:07
S140	28	(correlat\$3) same (produc\$4 or output near4 channel near2 quality near3 indicat\$3 or CQI) and (de-map\$4 or demap\$4) and (re- encod\$3 or reencod\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 09:09
S141	5	(correlat\$3) same (produc\$4 or output near4 channel near2 quality near3 indicat\$3 or CQI) and (de-map\$4 or demap\$4) and (soft) and re-encod\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 09:15

S142	61	(correlat\$3) and (produc\$4 or output near4 channel near2 quality near3 indicat\$3 or CQI) and (de-map\$4 or demap\$4) and (re-encod\$3 or reencod\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 09:16
S143	66	(correlat\$3) and (produc\$4 or output near4 channel near2 quality near3 indicat\$3 or CQI) and (de-map\$4 or demap\$4) and (re-encod\$3 or reencod\$3 or re-cod\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 10:02
S144	33804	(correlat\$3) near5 (produc\$4 or output near4 channel near2 quality near3 indicat\$3 or CQI)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 10:13
S145	42	(correlat\$3) near5 ((produc\$4 or output) near4 channel near2 quality near3 indicat\$3 or CQI)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 10:13
S146	932	(correlat\$3) near5 ((produc\$4 or output) near4 channel near2 quality near3 indicat\$3 or CQI or SNR or SIR)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 10:54
S147	562	(correlat\$3) near3 ((produc\$4 or output) near4 channel near2 quality near3 indicat\$3 or CQI or SNR or SIR)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 10:54
S148	188	(correlat\$3) near1 ((produc\$4 or output) near4 channel near2 quality near3 indicat\$3 or CQI or SNR or SIR)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 10:54
S149	85	(correlator) near3 ((produc\$4 or output) near4 channel near2 quality near3 indicat\$3 or CQI or SNR or SIR)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 10:59
S150	669	(correlator) same (output near3 channel near2 quality near3 indicat\$3 or CQI or SNR or SIR)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 11:09

S151	668	(correlator) same (output near1 channel near1 quality near1 indicat\$3 or CQI or SNR or SIR)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 11:09
S152	564	(correlator) same (output near1 channel near1 quality near1 indicat\$3 or CQI or SNR)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 11:09
S153	533	(correlator) same (output near1 channel near1 quality near1 indicat\$3 or CQI or SNR) and (soft data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 11:10
S154	4	(correlator) same (output near1 channel near1 quality near1 indicat\$3 or CQI or SNR) and (soft near1 data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 11:10
S155	284	(correlator) same (output near1 channel near1 quality near1 indicat\$3 or CQI or SNR) and (soft decision)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 11:16
S156	3121	(correlator) same (generat\$3 or output near1 channel near1 quality near1 indicat\$3 or CQI or SNR) and (soft decision)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 14:17
S157	284	(correlator) same ((generat\$3 or output) near1 channel near1 quality near1 indicat\$3 or CQI or SNR) and (soft decision)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 14:18
S158	290	(correlator) same ((generat\$3 or output) near1 channel near1 quality near1 indicat\$3 or CQI or SNR or SINR) and (soft decision)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 14:18
S159	39	(correlator) same ((generat\$3 or output) near1 channel near1 quality near1 indicat\$3 or CQI or SNR or SINR) and (soft same decision)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 14:19

S160	578	(correlator) same ((generat\$3 or output) near1 channel near1 quality near1 indicat\$3 or CQI or SNR or SINR)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 14:59
S161	578	(correlator) same ((generat\$3 or output) near channel near quality near indicat\$3 or CQI or SNR or SINR)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/11 14:59
S162	2671101	(vary\$3 or modify\$3 or chang\$4 near4 bandpass or band-pass near4 filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/18 23:32
S163	16390	S162 and (codec)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/18 23:33
S164	3418	S163 and (pulse near1 cod\$3 near1 modulation or PCM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/18 23:34
S165	1711	((vary\$3 or modify\$3 or chang\$4) near4 (bandpass or band- pass) near4 filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/18 23:35
S166	13	S165 and CODEC	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/18 23:35
S167	4	S166 and (pulse near1 cod\$3 near1 modulation or PCM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/18 23:36
S168	94092	"379"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 21:00
S169	3096	"379"/\$.ccls. and (pulse near code near modulation or PCM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 21:01
S172	127	"379"/\$.ccls. and (pulse near code near modulation or PCM) and (high-pass or high \$pass or high adj pass same filter) and (low- pass or low\$pass or low adj pass same filter) and (adapt\$4 or programm\$6 or adjust \$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 21:07

S173	138	"379"/\$.ccls. and (pulse near code near modulation or PCM) and (high-pass or high \$pass or high adj pass same filter) and (low- pass or low\$pass or low adj pass same filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/13 10:13
S174	169	"379"/\$.ccls. and (pulse near code near modulation or PCM) and (high-pass or high \$pass or high adj pass same filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/13 10:14
S175	244	"379"/93.28.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/13 10:15
S176	244	379/93.28.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/13 10:15

**8/ 13/ 09 11:39:37 PM**

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